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In Reply, Application of:

LEE JOHN JARED et al.

Application No.:

10/668429

Filing Date:

09/23/2003

Title:

PROCESS TO CLEAN POLYMERIC ARTICLE, SUCH AS
POLYURETHANE GLOVE, SO AS TO REMOVE NON-
VOLATILE RESIDUES AND LOW-VOLATILITY RESIDUES

Direct to:

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NOTICE UNDER 37 CFR 1.251 – Pending Application

Statement (check the appropriate box):

☐ The copy submitted with this reply is a complete and accurate copy of applicant's record of all of the correspondence between the Office and the applicant for the above-identified application (except for U.S. patent documents), and applicant is not aware of any correspondence between the Office and applicant for the above-identified application that is not among applicant's records.

☒ The copy of the paper(s) listed in the notice under 37 CFR 1.251 is/are a complete and accurate copy of applicant's record of such paper(s).

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☐ Applicant does not possess any record of the correspondence between the Office and the applicant for the above identified application.

May 13, 2005
Date

Allen J. Hoover
Signature

Allen J. Hoover
Typed or printed name
Ref. No. 24103

A Copy of this notice should be returned with the reply.

Burden Hour Statement: This collection of information is required by 37 CFR 1.251. The information is used by the public to reply to a request for copies of correspondence between the applicant and the USPTO in order to reconstruct an application file. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 60 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

PTO Doc Code: R251.RES (Rev. 03/05)

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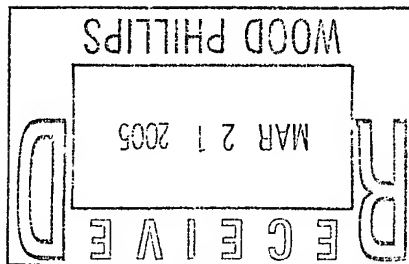
To: Mr. Hoover



312-876-2020

From G. Webb

Subject: 10/668,429



Unfortunately these are the only papers available to me. The papers which were supposed to be mailed 3/8/05 have not been scanned.

You may want to call publication to see why no scanning or mailing of this case has occurred. 703-305-8497 or 888-786-0101.

I apologize for the delay.

G. Webb



Notice of Allowability

| | | |
|-----------------|--------------|--|
| Application No. | Applicant(s) | |
| 10/668,429 | JARED ET AL. | |
| Examiner | Art Unit | |
| Gregory E. Webb | 1751 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/4/04.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Please renumber the second claim 11 to new claim 12.

1. The examiner has noted the applicant's change of inventorship. Such changes have been accepted by the examiner.
2. The following is an examiner's statement of reasons for allowance: The closest prior art was found to be Huang et al (US 5,089,205), Huang et al (US 5,601,870), Dove (US 5,741,885), Jared et al (US 6,634,369).
3. Huang '205 teaches a process for forming molded gloves. Huang '205 teaches the use of various disinfectants including isopropanol as follows:

"As a further alternative approach, a regular finished glove may be immersed in an alcohol solution (for example, methanol, ethanol or isopropanol) or an aqueous solution containing an antimicrobial surfactant such as Nonidet P-40, as discussed above, and a chlorhexidine base or its salts. The preferred range of the chlorhexidine base or its salts and the surfactant

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is within the range of between about one and fifty percent, and preferably one and ten percent."

4. Huang '205 however fails to teach the applicant's specific process temperature, multiple articles in the bath, the detection method and the specific residues claimed.

5. Huang '870 teaches a method of forming gloves (see cols. 6-7). Huang teaches cleaning the glove by spray washing for 15 minutes at 130°F and dried for 2.5 minutes at 200°F. Huang '870 fails to teach or suggest the applicant's specific solvents, multiple articles in the cleaning bath, the use of immersion and cleaning bath.

6. Dove teaches the following:

"Further illustrating how easily the present invention is integrated into existing manufacturing technology, subsequent chemical treatment of the bloomed antigenic components can be accomplished at this stage by simply dipping the rinsed, latex coated forming mandrel in a treatment bath containing, for example, 5 wt % ethylene glycol diglycidal ether in a buffered solution at pH 10.5 at a temperature between 50.degree. C. and 80.degree. C. for approximately 3 to 15 minutes. An additional washing step in water at, for example, 60.degree. C. for 20 minutes removes any unreacted screening reagent along with soluble ions, proteins, and other components not removed in the first rinse. The treated article is then dried and cured to its final form utilizing normal manufacturing procedures such as 90 minutes in a 90.degree. C. oven followed by removal from the dipping mandrel. This produces a natural rubber latex article

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having normal chemical, physical, and mechanical properties with both internal and tissue contacting surfaces including embedded and bloomed antigenic components that are effectively screened from allergic response by the screening reagent covering their antigenic regions."

7. Dove however fails to teach the use of the applicant's specific solvents.
8. Jared et al is not available as prior art but is cited to demonstrate state of the art in polymer article cleaning.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory E. Webb whose telephone number is 571-272-1325. The examiner can normally be reached on 9:00-17:30 (m-f).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571-272-1316. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory E. Webb
Primary Examiner
Art Unit 1751

gw